

# The Islamia University of Bahawalpur

University online: [www.iub.edu.pk](http://www.iub.edu.pk)

## TENDER NOTICE

Sealed Tenders are invited from the Firms, Authorized Distributors/Dealers/Supplier having established credentials in terms of Technical, Financial and Managerial capabilities for the supply of **Instruments** for Soil Sciences Department (UCAE&S), **Laboratory Equipments** for Soil Sciences Department (UCA&ES), **Lab Equipment** for Life Science Department, **Spectrophotometer** for CIDS, **Chemicals** for Pharmacy Department and **Glass ware& Plastic ware/Chemicals** for Biochemistry & Biotechnology Department, **Electronics Items** for Physics Department, the Islamia University of Bahawalpur as per details given below, on FOR basis.

Tender No.	Category (Qty. & Specifications as available in Tender Documents)	Estimated Cost (Rupees)	Bid Security (CDR)
A	Instruments for Soil Sciences Department:	51,20,000/-	1,02,400/-
B	Lab. Equipment for Soil Sciences Department:	5,00,000/-	10,000/-
C	Lab. Equipment for Life Sciences Department:	9,00,000/-	18,000/-
D	Spectrophotometer for CIDS:	1,70,000/-	3,400/-
E	Chemicals for Pharmacy Department:	8,00,000/-	16,000/-
F	Glass ware & Plastic ware for Biochemistry & Biotech. Department:	3,00,000/-	6,000/-
G	Chemicals for Biochemistry & Biotech. Department:	8,00,000/-	16,000/-
H	Electronics Items for Physics Department:	7,90,500/-	15,810/-

- Interested bidders may get the Tender Documents containing detailed specifications, terms and conditions from the Purchase Section, Treasurer's Office Abbasia Campus (Old), the Islamia University of Bahawalpur during office hours 8:00 A.M. to 4:00 P.M. on submission of written application on letter head and a copy of CNIC along with payment of (non refundable fee) of Rs. 1000/-(each category) through Bank challan HBL in A/C 14730000010403 or pay order in the name of the Treasurer Islamia University of Bahawalpur for bidding document OR can be down loaded from the IUB Website [www.iub.edu.pk](http://www.iub.edu.pk) or PPRA website [www.ppra.punjab.gov.pk](http://www.ppra.punjab.gov.pk)
- 02% bid security** of the total estimated cost as mentioned above separately in each category (Refundable) in shape of CDR shall be attached with the bid, otherwise bid will be rejected.
- The rates may be quoted on FOR basis.
- Single Stage – Two Envelopes** bidding procedure will be adopted as per PPRA Rules 38- 2(a). The Envelopes shall be marked as **"TECHNICAL PROPOSAL"** AND **"FINANCIAL PROPOSAL"** in legible letters. Financial Proposal of bids found technically non-responsive shall be returned un-opened.
- Procurement shall be governed under the Punjab Procurement Rules, 2014.
- The rates should be quoted inclusive all taxes. Copy of paid bank challan Professional tax also be provided.
- The Islamia University of Bahawalpur however, reserves the rights to reject all bids at any time prior to acceptance of a bid as per clause 35 of the Punjab Procurement Rules and grounds of rejection will be conveyed to the bidders upon their request.
- Tender should be reached in the Office of the Chairman (SMPC), Department of Chemistry, the Islamia University of Bahawalpur upto **22-03-2017** by **11:00 A.M.** Tenders will be opened on the same day at **11:30 A.M.** in the presence of bidders or their representatives.
- All bids submitted after the given time shall not be accepted.
- Taxes will be applicable as per Govt. Rules & Regulations.
- The rates should be valid upto 90-days from the date of opening the tender.
- In case of closed/forced holidays, tender opening time/date will be considered as the next working day.



Chairman SMPC  
The Islamia University of Bahawalpur  
Baghdad-ul-Jadeed Campus, Bahawalpur.  
Phone: 062-9255473



# The Islamia University of Bahawalpur

## PROCUREMENT OF INSTRUMENTS

### TENDER-A FORM

1. Name of Firm: \_\_\_\_\_
2. Mailing Address: \_\_\_\_\_
3. Phone No: \_\_\_\_\_ 4. Fax No: \_\_\_\_\_
5. Tender Fee Challan No. & amount \_\_\_\_\_ CDR No. & Amount \_\_\_\_\_
6. General Sale Tax No: \_\_\_\_\_ 7. Income Tax No. \_\_\_\_\_
8. Professional Tax No: \_\_\_\_\_

Sr. #	Item	Qty	Rate with taxes
1	<p><b>Name: Leaf Area Meter</b>  <b>Specification:</b> Morphology Analyzer, Disease and Insect Damage Quantifier, measurement of total leaf area, individual leaf area, leaf length, max &amp; avg width, leaf &amp; blade perimeter, aspect ratio, form coefficient, holes area, individual blade area, blade &amp; petiole length, blade width at user definable position, lobe angle at user definable position, user definable length and angles, analyzed region area, envelop area, teeth height, width &amp; count, fractals, color analysis. Should have features: image edition, observation, leaf &amp; foliar disk analysis, debris filtering, interactive or batch analysis, interactive or batch image acquisition, leaf distribution graphic, remove background light variation, user can override pixels classifications, select the color channel to analyze, analyze whole image/sub region, exclusion regions. Software with scanner  <b>Western EEC, USA, UK, Japan, Canada</b></p>	(1)	
2	<p><b>Name: Chlorophyll Meter</b>  <b>Specification:</b> Measurement subject: Crop leaves, Optical density difference at 2 wavelengths, Subject thickness 1.2mm maximum, Light source: 2 LED elements, Receptor: 1 SPD(silicon photodiode), LCD Display, -9.9 to 199.9 SPAD units, Memory capacity for up to 30 values; Calculation/display of average of data in memory also possible, 2 AA-size alkaline batteries, Accuracy: Within <math>\pm 1.0</math> SPAD units added to display when measurement exceeds 50.0 SPAD units, Repeatability: within + 0.3 SPAD units, Reproducibility: within + 0.5 SPAD units, Temperature drift: within + 0.04 SPAD units/<math>^{\circ}</math>C, Warning buzzer: User compensation factor, Depth stop: Strap: 2 AA-size alkaline batteries; soft case; Reading checker  <b>Western EEC, USA, UK, Japan, Canada</b></p>	(1)	
3	<p><b>Name: Root Scanner</b>  <b>Specification:</b> For measurement total length, average diameter, total area, volume, number of tips, forks &amp; crossing with root diameter &amp; root color, area branching angle, magnitude, path length, altitude, structured connectivity, root architecture &amp; fractals, color analysis, System should consist of software, scanner with special lightning system &amp; positioning system with trays  <b>Germany, USA, Japan, Switzerland</b></p>	(1)	
4	<p><b>Name: Muffle Furnace</b>  <b>Specification:</b> For temperatures adjustable up to 1100 <math>^{\circ}</math>C. Microprocessor control with TFT touch screen. Precision <math>\pm 2</math> <math>^{\circ}</math>C of the set value. Resolution: 1 digit. Metal external case with vent at the back of the unit. Interior and door made of ceramic fibre, resistant and durable USB / RS-232 output. Self-test on starting. Type k probe. Stability time from 1 min to 99h or continuous. Programming mode 10 programs capacity. 6 segments per program. Network failure detection alarm. Probe error detection alarm. Over temperature and low temperature alarms. Visual audible warning alarms. Data logging memory up to 10000 data. Logging interval from 5 seconds to 30 min. Data download via RS -232 or USB. Pc software for on-line registration capacity 7 liters  <b>Western EEC, USA, Japan, UK</b></p>	(1)	
5	<p><b>Name: Oven</b>  <b>Specification:</b> Programmable, Temperature range: ambient temperature plus 8 <math>^{\circ}</math>C to 300C, Natural convection, Controller with LCD display, Electromechanical control of the exhaust air flap, 2 chrome-plated racks            Stackable, Class 2 independent temperature safety device (DIN 12880) with visual temperature alarm, USB port for recording data, Capacity 105-115 liters, with servo motor stabilizer  <b>Western EEC, USA, Japan, UK or equivalent</b></p>	(1)	
6	<p><b>Name: Analytical Balance</b>  <b>Specification:</b> Type: Digital Microprocessor Controlled, Capacity 210 g. Readability: 0.1mg (0.0001g). Tare range: 210 gm. Repeatability: <math>\leq \pm 0.1</math> mg, Linearity: <math>\leq \pm 0.3</math> mg, Response time: 3 Second. Pan size (dia): 90 mm, Calibration: Internal. Preferably Integral weighing Below Hook, Draft Shield: All glass draught shield with 3 sliding doors, Communication: RS232 / USB, Display: LCD  <b>Western EEC, USA, Japan, UK or equivalent</b></p>	(1)	

<b>7</b>	<p><b>Name: Electrical Conductivity Meter:</b>  <b>Specification:</b> 4-pole linear electrode, Automatic temperature compensation, Automatic and manual endpoint functions determine, Conductivity range 0.0 μS/cm to 199.9 mS/cm, TDS range 0.1 mg/l to 199.9 g/l, Salinity range 0.00 to 19.99psu, Temperature range 0°C to 100 °C, Resolution Automatic range: 0.1°C, Error Limits ± 0.5 % Measured Value. ± 0.3 °C, 1 point. 3 predefined standards for calibration, White backlight liquid crystal, Temperature Compensation Linear: 0.00 %/°C...10.00 %/°C, Standard Solution 50ml  <b>Western EEC, USA, Japan, UK or equivalent</b></p>	(1)	
<b>8</b>	<p><b>Name: pH meter</b>  <b>Specification:</b> With a large LCD touch screen display, IP54 housing, Measurement Range - 2.000...20.000 pH, mV Range -2000.00 to +2000.00 mV, Temperature Range -10°C to 120 °C, Resolution pH 0.1/0.01/0.001pH, Resolution mV 1/0.1/0.01mV, Resolution Temperature 0.1°C, Accuracy pH ± 0.002 pH, Accuracy mV ± 0.03% FS mV, Accuracy Temperature ± 0.1°C, 8 predefined groups, 1 self define group, pH Calibration 1-9 points, impedance &gt;3*10e+12 Ω, Cinch, NTC 30 kΩ, USB / RS232, ATC and MTC, electrode arm holder, 240V/50-60Hz, 9 V DC.  <b>Western EEC, USA, Japan, UK or equivalent</b></p>	(1)	
<b>9</b>	<p><b>Name: Magnetic Stirrer</b>  <b>Specification:</b> Digital Microprocessor PID Control, LCD (backlit), Ambient - 550°C, 100 - 1500rpm, Temp accuracy at plate: ±1 (100°C), Temp control accuracy of liquid using PT-1000 Sensor ±0.2°C  Temp increments: 1°C, Max. Stirring Qty.: 20 Liters, DC Brushless motor, RS232, Plate size: 7 x 7", Plate material: Ceramic-Glass  <b>Western EEC, USA, Japan, UK or equivalent</b></p>	(1)	
<b>10</b>	<p><b>Name: Mechanical Shaker</b>  <b>Specification:</b> Orbital, 100-500 RPM, 1 to 1199 minutes, Orbit diameter: 10mm, Maximum load: 7.5/Kg/16.5Lbs, Operating temperature range: +4 - 40°C, Plate dimensions: 12 x12 inches, Universal Stand with 4 bars  <b>Western EEC, USA, Japan, UK or equivalent</b></p>	(1)	

**Terms & Conditions**

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2. Only certified dealers/distributors of the following manufacturers are eligible: **A standard company from UK, USA, Japan, Singapore, Korean and Europe etc..**
3. Prices should be FOR delivery to the Soil Sciences Department (University College of Agriculture & Environmental Sciences), The Islamia University of Bahawalpur. If the items supplied are not according to the required specification/make it will have to be replaced by the firms on their own cost.
4. Offer must be supported with comprehensive technical literature and specifications in original (English) for the materials/goods offered.
5. Validity of rate should be for 90 days from the date of opening of tenders.
6. The vendors will be responsible for any damages during Transit/Delivery. They will also be responsible for any accident and their consequent damages.

**Signature:** \_\_\_\_\_

**Name:** \_\_\_\_\_

**Designation:** \_\_\_\_\_

**Date:** \_\_\_\_\_

**Attachments:**

- |                                 |          |
|---------------------------------|----------|
| Earnest Money draft             | (Yes/No) |
| Affidavit for non black listing | (Yes/No) |
| Bid Validity                    | (Yes/No) |
| Signed terms & conditions       | (Yes/No) |

**Note:** Bid shall be signed by the bidder/authorized person for bidder.



# The Islamia University of Bahawalpur

## PROCUREMENT OF LAB.EQUIPMENT FOR SOIL SCIENCES DEPTT.

### TENDER-B FORM

1. Name of Firm: \_\_\_\_\_
2. Mailing Address: \_\_\_\_\_
3. Phone No: \_\_\_\_\_ 4. Fax No: \_\_\_\_\_
5. Tender Fee Challan No. & amount \_\_\_\_\_ CDR No. & Amount \_\_\_\_\_
6. General Sale Tax No: \_\_\_\_\_ 7. Income Tax No. \_\_\_\_\_
8. Professional Tax No: \_\_\_\_\_

Sr. #	Items	Quantity	Rate with taxes
1	<b>Mini Centrifuge Machine</b> Maximum Capacity (No of tubes x Vol.): 8x2x0.2mL and 6x1.5/2.0 mL; Maximum Speed RPM: 10000; Maximum RCF: 5000xg	02 No.	
2	<b>Vortex mixer</b> Speed Range: 0-3000 rpm; Permissible Ambient Temperature: 5-40°C; Orbital Diameter: 4.5 to 5.0 mm Motion: Circle Shaking (Vortexing)	01 No.	
3	<b>Mini mixer (vortex)</b> Speed Range: 0 ~ 2500 rpm; Orbital Diameter: 3-4 mm Motion: Circle; Operation: Continuous running / Short Mix; Timing Range: 1s ~ 999 min	01 No.	
4	<b>Multi-tube Vortex mixer</b> Speed Range: 500-2500 rpm; Shaking Speed Accuracy: ±50 rpm ( at 2500 rpm detection); Orbital Diameter: 4 mm; Maximum Load Capacity: 5 kg; Timing Range: 1s-9999 min; Or better	01 No.	
5	<b>UV HEPA PCR Cabinet / work station</b> With HEPA filter assembly plus UV light for eliminating PCR contamination	01 No.	
6	<b>Bacterial Genomic DNA Kits</b> For bacterial DNA extraction and purification from Soil, Plant and Pure cultures of bacteria; sufficient for 70 purifications (One each for Soil, Plant and Pure Cultures)	03 No.	
7	<b>Micro pipette set</b> A set of four micro pipettes (0-2.5 µL), (0-20 µL), (20-200 µL), (200 - 1000 µL)	01 No.	

### **Terms & Conditions**

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2. Only certified dealers/distributors of the following manufacturers are eligible: **A standard company from UK, USA, Japan, Singapore, Korean and Europe etc.**
3. Prices should be FOR delivery to the Soil Sciences Department (UCA&ES), The Islamia University of Bahawalpur. If the items supplied are not according to the required specification/make it will have to be replaced by the firms on their own cost.
4. Offer must be supported with comprehensive technical literature and specifications in original (English) for the materials/goods offered.
5. Validity of rate should be for 90 days from the date of opening of tenders.
6. The vendors will be responsible for any damages during Transit/Delivery. They will also be responsible for any accident and their consequent damages.

**Signature:** \_\_\_\_\_

**Name:** \_\_\_\_\_

**Designation:** \_\_\_\_\_

**Date:** \_\_\_\_\_

### **Attachments:**

Earnest Money draft (Yes/No)  
Affidavit for non black listing (Yes/No)  
Bid Validity (Yes/No)  
Signed terms & conditions (Yes/No)

**Note:** Bid shall be signed by the bidder/authorized person for bidder.



# The Islamia University of Bahawalpur

## PROCUREMENT OF LAB.EQUIPMENT FOR LIFE SCIENCE DEPTT.

### TENDER-C FORM

1. Name of Firm: \_\_\_\_\_
2. Mailing Address: \_\_\_\_\_
3. Phone No: \_\_\_\_\_ 4. Fax No: \_\_\_\_\_
5. Tender Fee Challan No. & amount \_\_\_\_\_ CDR No. & Amount \_\_\_\_\_
6. General Sale Tax No: \_\_\_\_\_ 7. Income Tax No. \_\_\_\_\_
8. Professional Tax No: \_\_\_\_\_

Sr. No.	Name and Specification	Qty.	Rate per item with all taxes
01	<p><b>Laminar Flow Cabinet Vertical</b>            Made in: USA,Germany,Japan,Europe.  <u>Specification</u>  <b>Air flow type:</b> Vertical laminar flow  <b>Air volume:</b> (minimum / maximum) 0 to 1020 cmh / 0 to 600 cfm  <b>Laminar airflow velocity:</b> (m / s / fpm) 0.3 / 59  <b>Air cleanliness within work space:</b> ISO 14644-1 class 4, US Federal Standard 209E class 10  <b>HEPA filter:</b> Filters            Typical efficiency of 99.99% on 0.3µ (US MIL - STD -282)            Micro glass fiber Media, Particle board, AL separator, Neoprene gaskets  <b>Pre filter:</b> Polyester fibers with an filter efficiency of 85% (A·F·I TEST) ; Aluminum frame, Polyester fiber media  <b>Noise level:</b> Typically &lt; 65dB at blower speed  <b>Materials:</b> Main body Steel powder coating  <b>Work surface:</b> Stainless steel grade 304, Hairline treatment  <b>Windows (front / side):</b> Colorless and transparent UV absorbing 5mm tempered glass  <b>Intensity (lux):</b> &gt; 650  <b>Fluorescent lamp (W):</b> 30 x 2ea 32 x 2ea,Electronically ballasted            Fluorescent Lamp  <b>UV lamp (W):</b> 25 x 1ea 30 x 1ea 25 x 2ea,Electronically ballasted UV Lamp  <b>Electric socket outlets:</b> 230V socket  <b>Dimension: (W×D×H):</b>  <b>Interior working area (mm / inch):</b> 48x72 inch</p>	01	
02	<p><b>Spectrophotometer</b>            Made in: USA,Germany,Japan,Europe,  <u>Specifications:</u>  <b>Wavelength:</b> 190-1100nm  <b>Wavelength Accuracy:</b> ≤2.0nm  <b>Wavelength Reproducibility:</b> ≤1nm  <b>Monochromator:</b> Single-beam C-T type, grating 1200L/mm  <b>Photometric Accuracy:</b> ≤±0.5%T  <b>Photometer Reproducibility:</b> ≤0.3%T  <b>Stray Light:</b> ≤0.1%T (NaI at 220nm, NaNO2 at 340nm)  <b>Spectral Bandwidth:</b> 2nm  <b>0%T Stability:</b> ≤0.2%T(30min)  <b>100%T Stability:</b> 0.001A/30min (at 500nm, after warning up)  <b>Operation Mode:</b> T, A, C, E  <b>Photometric Range:</b> -0.3~3A  <b>Display:</b> 16x2 LCD  <b>Detector:</b> Silicone Photodiode  <b>Light Source:</b> Tungsten halogen lamp, D2 lamp  <b>Power Requirement:</b> 220 volt, 50/60 Hz  <b>Power Consumption:</b> 120W</p>	01	
03	<p><b>Incubator/ Oven</b>            Made in: USA,Germany,Japan,Europe,  <u>Specification:-</u>  <b>Capacity:</b> 105 Lit.  <b>Temp. Range:</b> Ambient Temperature +5°C to 80°C/            Incubator 80°C to 250°C/ Oven  <b>Fluctuation:</b> ± 0.2°C at 37°C, ±0.3°C at 50°C  <b>Variation:</b> ± 0.5µ at 37°C,            ± 0.9µ at 50°C</p>	01	

	<p>Sensor: PT 100  Control Resolution: <math>\pm 0.1^{\circ}\text{C}</math>  Heat-up Time: 17 min. to <math>37^{\circ}\text{C}</math>,  30 min. to <math>50^{\circ}\text{C}</math>  Recovery Time: 3 min. to <math>37^{\circ}\text{C}</math>,  (Door open 30sec): 4 min. to <math>50^{\circ}\text{C}</math>  Controller: Digital Fuzzy Control by Advanced Microprocessor  Jog-Dial with Push Button  RS232 Port: Available to connect with PC  Display: Digital LCD with Back Light  Timer: 99hr 59 min (delay/continuous function)  <b>Material</b>  Internal: Stainless steel (#304)  External: Powder Coated steel  Inner Door: Inner Tempered Glass Door  Shelves: 2ea of Teflon-coated steel Wire Shelves included,  Load per Shelf : 16 kg  Ventilation: 1ea of Ventilation hole with Stainless steel Cap, Hole Diameter 40mm  Circulation: Forced Air Type  Safety device: Over Temp. and Over Current Protector, Sensor Error Detector  Others: UL/CUL Certified, CE Certified, GD-mark  Storage Function(Temp. and Time)  Locking Mode(Jog-Dial Input Disabled)  Alarm (Error Status and Timer-end)  Power Consumption: 302.9 W  Energy Consumption, at <math>37^{\circ}\text{C}</math>: 43 Wh , at <math>50^{\circ}\text{C}</math>: 129 Wh  Power Supply: 1 Phase 120V, 50Hz or 230V, 50/60Hz.</p>		
<b>04</b>	<p><b>Digital Precise Water Bath with Digital control:</b>  <b>Made in: USA,Germany,Japan,Europe,</b>  <b>Technical Specifications:</b>  Capacity: 22 Lit  Temperature Range &amp; Accuracy: Ambient <math>+5^{\circ}\text{C}</math>~<math>100^{\circ}\text{C}</math>, <math>\pm 0.1^{\circ}\text{C}</math>  Temperature Resolution: <math>0.1^{\circ}\text{C}</math>-Display, <math>0.1^{\circ}\text{C}</math>-Control  Temp Uniformity &amp; Probe: <math>\pm 1.0^{\circ}\text{C}</math>, PT100  Heater Power: 2K  Timer: 99 hr 59 min (Delay &amp; Continuous run), Error Status &amp; Time-end  Display: Digital LCD display with Back-Light Function  Controller: Digital fuzzy controller with jog-shuttle switch (Turn + Push)  Safety Devices: Over temp/ -Current Protection, Sensor Error Detection  Material internal: Stainless steel (#304)-Internal, Power Coated Steel-External  Lid: Including stainless steel flat lid, Optional Dome Lid.  Drain valve: Mounted (<math>\varnothing 9.5</math>~<math>11</math>mm)  <b>Dimension (w x d x h)</b>  Effective Space: 500 x 295 x h110mm  Internal: 500 x 295 x h150mm  External: 535 x 330 x h260mm  Packing Size (mm) and Gross Weight (kg): 570 x 360 x h310mm, 14kg  Power Supply: 1 Phase, AC120 V, 60Hz or AC 230 V, 50/60Hz.</p>	<b>01</b>	

**Terms & Conditions**

1. All material supplied must be brand new strictly conforming to the given specifications .Old, reconditioned or refurbished equipment shall not be acceptable.
2. Only certified dealers/distributors of the following manufacturers are eligible: **A standard company from UK, USA, Japan, Singapore, Korean and Europe etc.**
3. Prices should be FOR delivery to the Life Science Department, The Islamia University of Bahawalpur. If the items supplied are not according to the required specification/make it will have to be replaced by the firms on their own cost.
4. Offer must be supported with comprehensive technical literature and specifications in original (English) for the materials/goods offered.
5. Validity of rate should be for 90 days from the date of opening of tenders.
6. The vendors will be responsible for any damages during Transit/Delivery. They will also be responsible for any accident and their consequent damages.

**Signature:** \_\_\_\_\_  
**Name:** \_\_\_\_\_  
**Designation:** \_\_\_\_\_  
**Date:** \_\_\_\_\_

**Attachments:**

Earnest Money draft (Yes/No)  
Affidavit for non black listing (Yes/No)  
Bid Validity (Yes/No)  
Signed terms & conditions (Yes/No)

**Note:** Bid shall be signed by the bidder/authorized person for bidder.



# The Islamia University of Bahawalpur

## PROCUREMENT OF SPECTROPHOTOMETER FOR CIDS

### TENDER-D FORM

1. Name of Firm: \_\_\_\_\_
2. Mailing Address: \_\_\_\_\_
3. Phone No: \_\_\_\_\_ 4. Fax No: \_\_\_\_\_
5. Tender Fee Challan No. & amount \_\_\_\_\_ CDR No. & Amount \_\_\_\_\_
6. General Sale Tax No: \_\_\_\_\_ 7. Income Tax No. \_\_\_\_\_
8. Professional Tax No: \_\_\_\_\_

Sr. #	Items	Qty	Rate with taxes
1	Spectrophotometer (China Yangzhou Wandong Medical Co.Ltd.) Vis 752	01	

#### **Terms & Conditions**

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2. Only certified dealers/distributors of the following manufacturers are eligible: **A standard company from UK, USA, Japan, Singapore, Korean and Europe etc.**
3. Prices should be FOR delivery to the Choilstant Institute of Desert Studies (CIDS), The Islamia University of Bahawalpur. If the items supplied are not according to the required specification/make it will have to be replaced by the firms on their own cost.
4. Offer must be supported with comprehensive technical literature and specifications in original (English) for the materials/goods offered.
5. Validity of rate should be for 90 days from the date of opening of tenders.
6. The vendors will be responsible for any damages during Transit/Delivery. They will also be responsible for any accident and their consequent damages.

**Signature:** \_\_\_\_\_

**Name:** \_\_\_\_\_

**Designation:** \_\_\_\_\_

**Date:** \_\_\_\_\_

#### **Attachments:**

Earnest Money draft (Yes/No)  
Affidavit for non black listing (Yes/No)  
Bid Validity (Yes/No)  
Signed terms & conditions (Yes/No)

**Note:** Bid shall be signed by the bidder/authorized person for bidder.



# The Islamia University of Bahawalpur

## PROCUREMENT OF CHEMICALS FOR PHARMACY DEPARTMENT

### TENDER-E FORM

1. Name of Firm: \_\_\_\_\_
2. Mailing Address: \_\_\_\_\_
3. Phone No: \_\_\_\_\_ 4. Fax No: \_\_\_\_\_
5. Tender Fee Challan No. & amount \_\_\_\_\_ CDR No. & Amount \_\_\_\_\_
6. General Sale Tax No: \_\_\_\_\_ 7. Income Tax No. \_\_\_\_\_
8. Professional Tax No: \_\_\_\_\_

Sr. #	Items	Qty	Rate with taxes
1	Aluminum Chloride	3 kg	
2	4-Amino Phenol	1 kg	
3	Aspartic Acid	500 gm	
4	Aluminum Sulphate	2 Kg	
5	Boric Acid	5 kg	
6	Bromine Pure	5 L	
7	Bismuth Nitrate	2 kg	
8	Ceric Ammonium Sulphate	100 gm	
9	Cestin	100 gm	
10	Di ethyl amine	5 L	
11	Formaldehylde	10 L	
12	Hydrogen per oxide	2 L	
13	Iodoform	2 KG	
14	Lucien	200 GM	
15	Magnesium Sulphate	5 KG	
16	Nutmeg oil	5 L	
17	Nutrient agar	2 KG	
18	Nutrient broth	2 KG	
19	Potassium di H. phosphate	10 KG	
20	Potassium per magnate	2 KG	
21	Potassium iodide	3 KG	
22	Phenyl hydrazine HCL Sigma / Merck	1 KG	
23	Poly Sorbate	2 KG	
24	1,2- Propan diol	10 L	
25	Sodium Thio Sulphate	5 KG	
26	Sodium Benzoate	3 KG	
27	Tragncanth	2 KG	
28	Tri ethanol amine	5 L	
29	Vanillin	1 KG	
30	Wool Fat	5 KG	
31	Xylose	100 G	
32	Xylene	5 L	
33	Xanthine gum	1 KG	
34	Zinc Oxide	3 KG	
35	Ethanol	400 L	
36	Chloroform	400 L	
37	Methanol	400 L	
38	N-Hexane	400 L	
39	Ethyl Acetate	400 L	
40	Di Chloro methane	400 L	



**Terms & Conditions**

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2. Only certified dealers/distributors of the following manufacturers are eligible: **A standard company from UK, USA, Japan, Singapore, Korean and Europe etc.**
3. Prices should be FOR delivery to the Pharmacy Department, The Islamia University of Bahawalpur. If the items supplied are not according to the required specification/make it will have to be replaced by the firms on their own cost.
4. Offer must be supported with comprehensive technical literature and specifications in original (English) for the materials/goods offered.
5. Validity of rate should be for 90 days from the date of opening of tenders.
6. The vendors will be responsible for any damages during Transit/Delivery. They will also be responsible for any accident and their consequent damages.

**Signature:** \_\_\_\_\_

**Name:** \_\_\_\_\_

**Designation:** \_\_\_\_\_

**Date:** \_\_\_\_\_

**Attachments:**

Earnest Money draft	(Yes/No)
Affidavit for non black listing	(Yes/No)
Bid Validity	(Yes/No)
Signed terms & conditions	(Yes/No)

**Note:** Bid shall be signed by the bidder/authorized person for bidder.



# The Islamia University of Bahawalpur

## PROCUREMENT OF GLASSWARE FOR BIOCHEM. & BIOTECH. DEPTT.

### TENDER-F FORM

1. Name of Firm: \_\_\_\_\_
2. Mailing Address: \_\_\_\_\_
3. Phone No: \_\_\_\_\_ 4. Fax No: \_\_\_\_\_
5. Tender Fee Challan No. & amount \_\_\_\_\_ CDR No. & Amount \_\_\_\_\_
6. General Sale Tax No: \_\_\_\_\_ 7. Income Tax No. \_\_\_\_\_
8. Professional Tax No: \_\_\_\_\_

Sr. #	Items	Qty	Rate with taxes
1	Alcohol meter		
2	Beakers glass (25, 50,100,250,500, 1000, 2000 ml)		
3	Beakers plastic (25, 50,100,250,500, 1000, 2000 ml)		
4	Blue cap Tubes (15 ml)		
5	Blue cap tubes (50 ml)		
6	Blue Tips		
7	Burette, Rota flow, 50 ml		
8	Burners		
9	China dish 100 cc		
10	China dish, 60 cc		
11	Chromatographic tank		
12	Conical flask Pyrex 100 ml		
13	Conical flask Pyrex, 250 ml		
14	Conical flask, Pyrex 300 ml		
15	Conical flask, Pyrex 500ml		
16	Culture tubes with screw caps – glass made		
17	Cryo-storage boxesw		
18	Condenser 19/26 CI/11		
19	Cover slip		
20	Distillation Set 250ml, 500ml		
21	Eppendorff Tubes (1.5 ml)		
22	Erlenmeyer flasks (100, 250, 500, 1000 ml)		
23	Funnel, 75 mm diameter		
24	Fusion tubes		
25	Fore sep		
26	Graduated Cylinders plastic (100, 250, 500, 1000 ml)		
27	Gloves		
28	Inoculation loop		
29	Iron clamps for Burette stand		
30	Iron tongue		
31	Measuring cylinder, Glass 10 ml, 25ml		
32	Micro-centrifuge tube racks		
33	Micro-centrifuge tips racks		
34	Nitrocellulose membrane – roll (not strips)		
35	Open Stopper 14/23		
36	Petri dishes 90 mm diameter- glass		
37	Petri dishes 90 mm diameter- Plastic		
38	Pipette filler		
39	Pipette stands		

40	Pipette, graduated, 10 ml		
41	Porcelain crucible 100 cc		
42	Prepared glass (permanent) cell / protozoan/tissue / sectum		
43	PCR tips		
44	PCR tubes		
45	Para films		
46	Pestle & mortal		
47	Reagent Bottles (250, and 500 ml) -plastic		
48	Reagent Bottles (250, and 500, 1000 ml) - amber coloured		
49	Reagent bottles stopper, Narrow mouth, 125 ml,		
50	Reagent bottles, stopper, Narrow moth, 250 ml		
51	Round bottomed flask 19/26 250 ml		
52	Round bottomed flask 19/26 500 ml		
53	Reflex Set		
54	Receiving Adoppter 19/26		
55	Receiving Flask 19/26 100ml, 250ml,		
56	Still Head Adoppter 19/26		
57	Spatula		
58	Specific Gravity Bottle, 25 ml		
59	Stalagmometer		
60	Slides for microscope		
61	Test tubes, rimmed, Pack of 100 tubes		
62	Tips racks		
63	Thermometer, ½ °C, Red alcohol / Mercury, 100 °C		
64	Tri pod stand		
65	Volumetric Flask 100ml, 250ml, 500ml, 1000ml, 2000ml		
66	Viscometer		
67	Watch glass		
68	Wire gauze		
69	White tips		
70	Yellow tips		
71	Yellow cap Tubes (15 ml)		
72	Yellow cap Tubes (50 ml)		

#### **Terms & Conditions**

1. All material supplied must be brand new strictly conforming to the given specifications .Old, reconditioned or refurbished equipment shall not be acceptable.
2. Only certified dealers/distributors of the following manufacturers are eligible: **A standard company from UK, USA, Japan, Singapore, Korean and Europe etc.**
3. Prices should be FOR delivery to the Biochemistry & Biotechnology Department, The Islamia University of Bahawalpur. If the items supplied are not according to the required specification/make it will have to be replaced by the firms on their own cost.
4. Offer must be supported with comprehensive technical literature and specifications in original (English) for the materials/goods offered.
5. Validity of rate should be for 90 days from the date of opening of tenders.
6. The vendors will be responsible for any damages during Transit/Delivery. They will also be responsible for any accident and their consequent damages.

**Signature:** \_\_\_\_\_

**Name:** \_\_\_\_\_

**Designation:** \_\_\_\_\_

**Date:** \_\_\_\_\_

#### **Attachments:**

Earnest Money draft	(Yes/No)
Affidavit for non black listing	(Yes/No)
Bid Validity	(Yes/No)
Signed terms & conditions	(Yes/No)

**Note:** Bid shall be signed by the bidder/authorized person for bidder.



# The Islamia University of Bahawalpur

## PROCUREMENT OF CHEMICALS FOR BIOCHEM. & BIOTECH. DEPTT.

### TENDER-G FORM

1. Name of Firm: \_\_\_\_\_
2. Mailing Address: \_\_\_\_\_
3. Phone No: \_\_\_\_\_ 4. Fax No: \_\_\_\_\_
5. Tender Fee Challan No. & amount \_\_\_\_\_ CDR No. & Amount \_\_\_\_\_
6. General Sale Tax No: \_\_\_\_\_ 7. Income Tax No. \_\_\_\_\_
8. Professional Tax No: \_\_\_\_\_

Sr. #	Items	Qty	Rate with taxes
1	Acetamide		
2	Acetanilide		
3	Acetic acid		
4	Acetone		
5	Acetyl chloride		
6	Acrylamide		
7	Agar		
8	Agar Noble (Becton Dickinson)		
9	Agarose		
10	Alpha-Naphthol		
11	Alpha-naphthyl phosphate		
12	Ammonia solution, 32%		
13	Ammonium per sulphate		
14	Ammonium sulphate		
15	Ascorbic acid (Vitamin c)		
16	Acetyl salicylic acid (Aspirin)		
17	Benzene		
18	Borax carmine		
19	Benzoic acid		
20	Bisacrylamide		
21	n-Butanol (AR)		
22	Bromo phenol blue		
23	Boric acid		
24	Calcium Chloride		
25	Calcium nitrate tetrahydrate		
26	Carbon tetrachloride		
27	Carbonylsulfides		
28	Chloroform (AR)		
29	Crystal violet		
30	Dextrose		
31	Dimethyl sulfoxide (DMSO)		
32	Di potassium hydrogen phosphate		
33	diazo blue (O- dianisidine tetra oxide)		
34	1,1-diphenyl-2-picrylhydrazyl (Radical) Sigma		
35	5,5-dithiobis (2-nitrobenzoic acid) Sigma		
36	EDTA		
37	Ethanol (AR)		
38	Ether (AR)		
39	Ethyl benzene		

40	Ethidium bromide		
41	Emulsion oil		
42	Ferric Ammonium Citrate		
43	Ferric chloride		
44	Ferrous Sulphate		
45	Fructose		
46	Glycine (AR Grade)		
47	Glycerin		
48	Glucose		
49	Hydrochloric acid		
50	Hydrogen Peroxide		
51	Iodoform		
52	Iron(II) sulfate heptahydrate		
53	Iso propopol		
54	Iso amyl alcohol		
55	Kojic Acid		
56	Magnesium chloride Sigma		
57	Magnesium sulfate heptahydrate		
58	Maltose		
59	Manganese(II) Chloride Tetrahydrate		
60	Manganese Sulphate		
61	Meat extract (powder)		
62	Methyl blue		
63	Methanol (AR)		
64	Molybdic Acid [H <sub>2</sub> MoO <sub>4</sub> . H <sub>2</sub> O]		
65	Ninhydrine		
66	p- Nitrophenyl- $\alpha$ -d-glucopyranoside		
67	(p-nitrophenyl) phosphate sodium salt		
68	p- Nitro phenol phosphate		
69	Oxalic acid		
70	Peptone		
71	Phenol (Carbolic acid)		
72	Potassium dichromate		
73	Potassium di hydrogen phosphate		
74	Potassium ferricyanide		
75	Para nitrophenyl beta D glucopyranoside		
76	Potassium hydroxide		
77	Potassium iodide		
78	Potassium Nitrate		
79	Potassium permanganate		
80	Potato dextrose agar		
81	Phenol chloroform isoamyl alcohol		
82	Phenyl Phosphate		
83	Phosphoric acid		
84	Proteinase k		
85	Phenol red		
86	RNase (crystal)		
87	Sodium phosphate monobasic NaHPO <sub>4</sub>		
88	Sodium phosphate dibasic		
89	Salicylic acid		
90	Silver nitrate		
91	Sodium acetate		
92	Sodium Carbonate		
93	Sodium thiosulphate		
94	Sodium hypochlorite		
95	Sodium dodecyl sulphate SDS)		

<b>96</b>	Sodium hydroxide		
<b>97</b>	Sodium nitroprusside		
<b>98</b>	Sodium oxy chloride (NaOCl)		
<b>99</b>	Starch		
<b>100</b>	Sulphuric acid, 99% pure		
<b>101</b>	Safranine		
<b>102</b>	Sucrose		
<b>103</b>	Sodium chloride		
<b>104</b>	Toluene		
<b>105</b>	Trichloroacetic acid (TCA)		
<b>106</b>	Tris base		
<b>107</b>	Tetrachloroethene		
<b>108</b>	Thiourea		
<b>109</b>	Urea		
<b>110</b>	Yeast Extract		
<b>111</b>	Zinc sulphate		
<b>112</b>	Zinc nitrate		

**Terms & Conditions**

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2. Only certified dealers/distributors of the following manufacturers are eligible: **A standard company from UK, USA, Japan, Singapore, Korean and Europe etc.**
3. Prices should be FOR delivery to the Biochemistry & Biotechnology Department, The Islamia University of Bahawalpur. If the items supplied are not according to the required specification/make it will have to be replaced by the firms on their own cost.
4. Offer must be supported with comprehensive technical literature and specifications in original (English) for the materials/goods offered.
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6. The vendors will be responsible for any damages during Transit/Delivery. They will also be responsible for any accident and their consequent damages.

**Signature:** \_\_\_\_\_

**Name:** \_\_\_\_\_

**Designation:** \_\_\_\_\_

**Date:** \_\_\_\_\_

**Attachments:**

Earnest Money draft	(Yes/No)
Affidavit for non black listing	(Yes/No)
Bid Validity	(Yes/No)
Signed terms & conditions	(Yes/No)

**Note:** Bid shall be signed by the bidder/authorized person for bidder.



# The Islamia University of Bahawalpur

## PROCUREMENT OF ELECTRONICS ITEMS FOR PHYSICS DEPARTMENT

### TENDER-H FORM

1. Name of Firm: \_\_\_\_\_
2. Mailing Address: \_\_\_\_\_
3. Phone No: \_\_\_\_\_ 4. Fax No: \_\_\_\_\_
5. Tender Fee Challan No. & amount \_\_\_\_\_ CDR No. & Amount \_\_\_\_\_
6. General Sale Tax No: \_\_\_\_\_ 7. Income Tax No. \_\_\_\_\_
8. Professional Tax No: \_\_\_\_\_

Sr. #	Items	Qty	Rate with taxes
1	<b>Oscilloscope</b> Bandwidth = 70 MHz Channels = 2 Sample rate on each channel = 1.0 GS/s Record length = 2.5k points at all-time bases	3	
2	<b>Power Supply</b> Manual Triple Channel DC PS Number of Outputs = 3 Maximum Voltage = 30V Maximum Current = 3A Maximum Power = 195W Connectivity = USB Current Read back Resolution = 1mA	2	
3	<b>Digital Multimeter</b> Maximum Resolution = 5.5 Maximum Reading Speed (per second) = <= 50k Connectivity= USB (TMC) / GPIB	2	
4	<b>Transformer</b> Center taped transformers Input voltage = 240 Volts Output voltage = 12 Volts	4	
5	<b>project Board</b> Capable to get mounted the basic electronics components (for example, diodes, transistors, resistors etc.)	10	
6	<b>(BNC) oscilloscope cable</b> Bayonet Neill-Concelman (BNC) connector carrying cables should be compatible with education purpose oscilloscope	6	
7	<b>Connecting wires with banana plugs on both sides</b> Useable for basic electronics experiments	20	
8	<b>Connecting wires with Crocodile clips and banana plugs</b> Useable for basic electronics experiments	20	
9	<b>Hook up wire roll</b> Useable for basic electronics experiments	1	
10	<b>Hand held digital multimeter</b> Must be capable to measure the AC/DC voltage, current, resistance, capacitance, and diode/transistor testing	5	

### Terms & Conditions

1. All material supplied must be brand new strictly conforming to the given specifications .Old, reconditioned or refurbished equipment shall not be acceptable.
2. Only certified dealers/distributors of the following manufacturers are eligible: **A standard company from UK, USA, Japan, Singapore, Korean and Europe.**
3. Prices should be FOR delivery to the Physics Department, The Islamia University of Bahawalpur. If the items supplied are not according to the required specification/make it will have to be replaced by the firms on their own cost.

4. Offer must be supported with comprehensive technical literature and specifications in original (English) for the materials/goods offered.
5. Validity of rate should be for 90 days from the date of opening of tenders.
6. The vendors will be responsible for any damages during Transit/Delivery. They will also be responsible for any accident and their consequent damages.

**Signature:** \_\_\_\_\_

**Name:** \_\_\_\_\_

**Designation:** \_\_\_\_\_

**Date:** \_\_\_\_\_

**Attachments:**

Earnest Money draft	(Yes/No)
Affidavit for non black listing	(Yes/No)
Bid Validity	(Yes/No)
Signed terms & conditions	(Yes/No)

**Note:** Bid shall be signed by the bidder/authorized person for bidder.